

**Work Order ID 126545****\*126545\***

Page 1

Item ID: D4121-5 Accept **\*N900040100\*** Setup Start **\*NS1\***  
Revision ID: Stop **\*NS2\***  
Item Name: Hose Assy  
Start Date: 11/13/14 Start Qty: 8.00 **\*8\*** Cust Item ID:  
Required Date: 11/18/14 Req'd Qty: 8.00 **\*8\*** Customer:  
Reference:

Approvals: Process Plan: MLJ Date: 11-11-13 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr								
D4121	D								

100 PURCHASING 0.00

**\*100\***

Purchasing

**Memo**

0.00

Purchasing

Create D2729-1 label and include with W/O  
Issue P/O: 26511  
Hose Assembly as per Dwg D4121  
Possible Supplier: API  
Material release note is required

CL 11/11/14 8

110 Receive & Inspect for Damage & Mat'l Certs 0.00

**\*110\***

Packaging

**Memo**

0.00

Packaging

Ensure Material Release Note is attached

By SP14-11-20







**Work Order ID 126545**

November-13-14 8:25:40 AM

**\*126545\***

Page 3

Item ID: D4121-5 Accept **\*N900040100\*** Setup Start **\*NS1\***  
Revision ID: Stop **\*NS2\***  
Item Name: Hose Assy  
Start Date: 11/13/14 Start Qty: 8.00 **\*8\*** Cust Item ID:  
Required Date: 11/18/14 Req'd Qty: 8.00 **\*8\*** Customer:  
Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
150	Identify as per dwg & Stock Location: <i>8214</i>	0.00				<i>8x</i>	<i>80</i>	<i>14-11-25</i>	
<b>*150*</b>									
Packaging	Memo	0.00							
Packaging									
160	QC21- Final Inspection - Work Order Release	0.00							
<b>*160*</b>									
QC	Memo	0.00							
Quality Control									

*mf*  
*14-11-25*



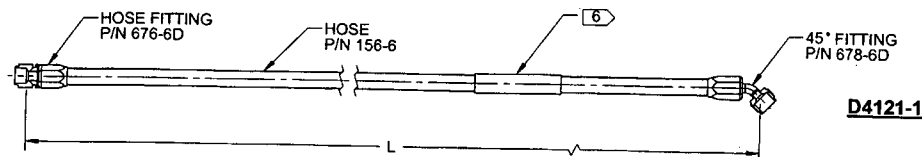
## November-13-14 8:25:40 AM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status	
156062D1054D000		Purchased	No			110	Each	0.0000	1	8				
<b>*156062D1054D000*</b>										<b>**</b>	<u>8x 8x 2014-11-20</u>			
Hose Assembly														
D2182-045		Manufactured	No			130	Each	0.0000	1	8				
<b>*D2182-045*</b>										<b>**</b>	<u>112922</u>	<b>DAS</b>	<b>NOV 24 2014</b>	
Heat Shrink 4.5" Long											<b>28</b>			
D2729-1		Manufactured	No			130	Each	0.0000	0	0	<b>9-89</b>			
<b>*D2729-1*</b>										<b>**</b>				
Part Id Label (Re-Issue)											<b>DAS</b>			
											<b>28</b>			
											<b>9-89</b>			

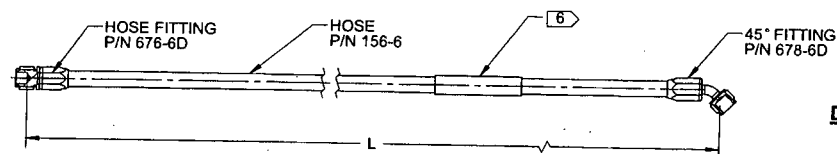




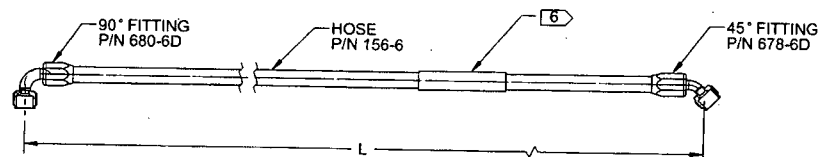
HOSE SPECIFICATION			
DART P/N	STRATOFLEX P/N	VENDOR	L
D4121-1	156003-6D0274	API/ AVIAL	27.50
D4121-3	156003-6D0590	API/ AVIAL	59.00
D4121-5	156062D1054D000	API/ AVIAL	105.50



**D4121-1**



**D4121-3**



**D4121-5**

SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 126545 MWS  
1411-13

**RELEASED**  
2011-11-16

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N & B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: N/A
- 8) STAINLESS STEEL COVERING TO HAVE MINIMUM THICKNESS OF 0.015"

D	P/N 156003-6D0590 WAS 156003-6D0570 (ZN D2-1)	RF	11.11.14
C	ADD P/N 156062D1054D000 TO D4121-5	RF	11.07.27
B	P/N 676-6D WAS P/N 678-6S (ZN C4-1, C8-1); P/N 676-6D WAS 676-6S (ZN D8-1, C8-1); P/N 680-6D WAS P/N 680-6S (ZN B8-1); UPDATE STRATOFLEX P/N (ZN C2-1); UPDATE NOTE 8	RF	11.03.07
A	NEW ISSUE	RF	10.09.16
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	<b>DART AEROSPACE USA, INC.</b> KENT, WA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. D
MFG. APPR.		<b>D4121</b>	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		<b>HOSE ASSEMBLIES</b>	NTS
DATE	11.11.14	COPYRIGHT © 2010 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMERCE OR TO BE DISCLOSED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID PO26511

Purchase Order Date 11/14/2014

PO Print Date 11/14/2014

Page Number 1 of 2

**Order From :**

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

VU-AVI003

**Ship To :** DART AEROSPACE LTD

1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Contact Name**

**Vendor Phone** 905-676-1695

**Ship To Contact**

**Ship To Phone**

**Ship Via:** FedEx Overnight collect

**Ship Acct:**

**Buyer**

Chantal Lavoie

**Customer POID**

**Customer Tax #**

10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

EXW - (Ex Works)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	156003-6D0274  AS PER DWG D4121 REV. D B126543	Hose Assembly	11/19/2014 Yes 11/19/2014		12.00 Each	\$172.72	\$2,072.64
Line Total:							\$2,072.64
2	156003-6D0590  AS PER DWG D4121 REV. D B126544	Hose Assembly	11/19/2014 Yes 11/19/2014		8.00 Each	\$218.25	\$1,746.00
Line Total:							\$1,746.00
3	156062D1054D000  AS PER DWG D4121 REV. D B126545	Hose Assembly	11/19/2014 Yes 11/19/2014		8.00 Each	\$385.56	\$3,084.48

PO Instructions: Fedex Acc#151793240

Note:

11/14/2014

SP14-11-20





# COMMERCIAL INVOICE

NOEEI FTR 30.36

AVIALL DALLAS HOSE SHOP  
2755 REGENT BLVD  
DFW AIRPORT, 75261-9048, USA

Page - 2 of 2

INCO TERMS: EXW - Shipping Point

CUSTOMER PO NO.: 26511  
PROFORMA NO.: 9301354549  
EXPORT DATE: 18-Nov-2014

DELIVERY NUMBER: 8001124538  
ORDER NUMBER: 1000773922

CONSIGNEE: 10003951  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY  
K6A 1K7, Canada

BILL TO: 10003951  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY  
K6A 1K7, Canada

ULTIMATE CONSIGNEE: 10003951  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY  
K6A 1K7, Canada

FORWARD AGENT - FEDEX

SP14-11-20

GROSS AMOUNT	6,903.12
INVOICE DISCOUNT	0.00
ADD ON CHARGES	0.00
TAX AMOUNT	0.00
FREIGHT CHARGE	0.00
NET AMOUNT	6,903.12
DOWN PAYMENT	0.00
NET AMOUNT DUE	6,903.12

*These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US laws is prohibited*

THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF 1938 AS





# COMMERCIAL INVOICE

NOEEI FTR 30.36

AVIALL DALLAS HOSE SHOP  
2755 REGENT BLVD  
DFW AIRPORT, 75261-9048, USA

Page - 1 of 2

INCO TERMS: EXW - Shipping Point

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ULTIMATE CONSIGNEE: 10003951  
DART AEROSPACE LTD  
1270 ABERDEEN STREET  
HAWKESBURY  
K6A 1K7, Canada

FORWARD AGENT -- FEDEX

LINE	ITEM	QUANTITY	SELL UOM	BATCH NUMBER	DISCOUNT	NET AMOUNT
	DESCRIPTION	UNIT PRICE	CURRENCY	SERIAL NUMBER	USD	USD
1	156003-6D0274	12.000	EA		0.00	2,072.64
	HOSE: MED	172.72	USD			
	PRESSURE,RUBBER					
	Export Classification: 9A991.d Schedule B: 4009220050 Country of Origin: US					
	Export Authorization Number: NLRAT_NOV_2014					
2	156003-6D0590	8.000	EA		0.00	1,746.00
	HOSE: MED	218.25	USD			
	PRESSURE,RUBBER					
	Export Classification: 9A991.d Schedule B: 4009220050 Country of Origin: US					
	Export Authorization Number: NLRAT_NOV_2014					
3	156062D1054D000	8.000	EA		0.00	3,084.48
	HOSE: MED	385.56	USD			
	PRESSURE,RUBBER					
	Export Classification: 9A991.d Schedule B: 4009220050 Country of Origin: US					
	Export Authorization Number: NLRAT_NOV_2014					
	FOR CUSTOM PURPOSES ONLY					

8014-11-20







Hose Shop 2755 Regent Blvd. DFW Airport 75261

Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

## TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 1000773922

Part Numbers:

1. 156062D1054D000 8EA.
2. 156003-6D0274 12EA.
- ③. 156003-6D0590 8EA. ✓

SP14-11-20

Signed: 

Date: 11-18-14

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001



**Work Order ID 126546**

Thursday, November 13, 2014 9:01:32 AM

**\*126546\***

Page 1

Item ID: D3126-1

Accept

**\*N900040100\***Setup Start **\*NS1\***

Revision ID:

Stop **\*NS2\***

Item Name: Bracket

Start Date: 11/17/14 Start Qty: 10.00

**\*10\***

Cust Item ID:

Required Date: 11/21/14 Req'd Qty: 10.00

**\*10\***

Customer:

Reference:

Approvals:

Process Plan: 

Date: 11-11-13

Tooling:

Date:

Run Start **\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop **\*NR2\***Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool # Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D3126

Rev A1

100

0.00

**\*100\***

FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D3126 Dwg Rev: A1 Prog Rev: A1 2-  
Deburr if necessary

364.030"

15 0 14-11-13  
DAS 23 9-89

110

QC2- Inspect parts off machine FAI/FAIB

0.00

**\*110\***

QC

Memo

0.00

Quality Control

15 0 14-11-13  
DAS 23 9-89

120

QC8- Inspect parts - second check

0.00

**\*120\***

QC

Memo

0.00

Quality Control

15 0 14-11-13  
DAS 38 9-89

NOV 14 2014

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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**Work Order ID 126546**

Thursday, November 13, 2014 9:01:32 AM

**\*126546\***

Page 2

Item ID: D3126-1 Accept **\*N900040100\*** Setup Start **\*NS1\***  
Revision ID: Stop **\*NS2\***  
Item Name: Bracket  
Start Date: 11/17/14 Start Qty: 10.00 **\*10\*** Cust Item ID:  
Required Date: 11/21/14 Req'd Qty: 10.00 **\*10\*** Customer:  
Reference:

Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 <b>*130*</b> Brake NC	NC BRAKE	0.00		DAS 30 9-89		15			14/11/18
	Memo	0.00							
	Deburr if necessary Form on CNC brake as per D3126 using Jig D3126T1 Identify as D3126-1 Scribe Dart P/N as shown on Dwg D3126								
140 <b>*140*</b> QC	QC5- Inspect part completeness to step on W/O	0.00							38 9-89
	Memo	0.00							
	Quality Control								
150 <b>*150*</b> Packaging	Identify as per dwg & Stock Location: <u>Sto20</u>	0.00							
	Memo	0.00							
	Packaging								

NOV 19 2014

NOV 19 2014

DAS  
06  
9-89

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence
<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Outside Dimensions  <input type="checkbox"/> Over/Under tolerance  <input type="checkbox"/> Part Incorrect  <input type="checkbox"/> Part Lost/Missing  <input type="checkbox"/> Part Moved  <input type="checkbox"/> Positioned Wrong  <input type="checkbox"/> Power Loss/Surge           </div> <div> <input type="checkbox"/> Pressure/Forced  <input type="checkbox"/> Set-up  <input type="checkbox"/> Temperature/Cure  <input type="checkbox"/> Weld  <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Other           </div> </div>		

**Work Order ID 126546**

Thursday, November 13, 2014 9:01:32 AM

**\*126546\***

Page 3

Item ID: D3126-1      Accept      **\*N900040100\***      Setup Start **\*NS1\***  
Revision ID:      Stop **\*NS2\***  
Item Name: Bracket  
Start Date: 11/17/14      Start Qty: 10.00      **\*10\***      Cust Item ID:  
Required Date: 11/21/14      Req'd Qty: 10.00      **\*10\***      Customer:  
Reference:

Approvals:      Process Plan:      Date:      Tooling:      Date:      Run Start **\*NR1\***  
QC:      Date:      SPC (Y/N):      Date:      Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160	QC21- Final Inspection - Work Order Release	0.00							
<b>*160*</b>									
QC	Memo	0.00							
Quality Control									

14/12/25  
MLJ 14-11-25

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>
--	--	---

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Other
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# Picklist Print

Thursday, November 13, 2014 9:01:36 AM

Page 1

Work Order ID: 126546

**\*126546\***

Parent Item: D3126-1

**\*D3126-1\***

Parent Item Name: Bracket

Start Date: 11/17/14

Required Date: 11/21/14

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP A03.01.15New issueKJ/RF  
IPP Rev:B Now On Waterjet 07-04-19 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304S22GA		Purchased	No			100	sf	200.2140	0.0593	1			DAS 23 9-89
*M304S22GA*										**		14-11-13	
304/316 .032 Sheet													

Location

Loc Qty

Loc Code

MAT020

200.214

m126593

200.214

126593.

DQA: \_\_\_\_\_ Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: \_\_\_\_\_ Date: \_\_\_\_\_

Work Order update only ☐

Work Order: _____  Part No. _____  NCR No. _____	<b>DISPOSITION</b>  Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	<b>AGAINST DEPARTMENT/PROCESS</b>  <div style="display: flex; justify-content: space-between;"> <div>           Skid-tube <input type="checkbox"/>            Machining <input type="checkbox"/>            Thermoforming <input type="checkbox"/>            Large Fab <input type="checkbox"/> </div> <div>           Crosstube <input type="checkbox"/>            Small Fab <input type="checkbox"/>            Finishing <input type="checkbox"/>            Composite <input type="checkbox"/> </div> <div>           Water Jet <input type="checkbox"/>            Prod. Eng. Coord. <input type="checkbox"/>            Rec/Store/Packaging <input type="checkbox"/>            Supplier <input type="checkbox"/> </div> <div>           Engineering <input type="checkbox"/>            Quality <input type="checkbox"/>            Other <input type="checkbox"/> </div> </div>
--	--	---

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

<b>Landing Gear</b> <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	<b>General</b> <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge  <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled  <input type="checkbox"/> Other
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126546

☒ **First Article**      ☐ **Prototype**

DAS

68-6  
23  
DAS

38  
9-89

N/A
N/A

ed by



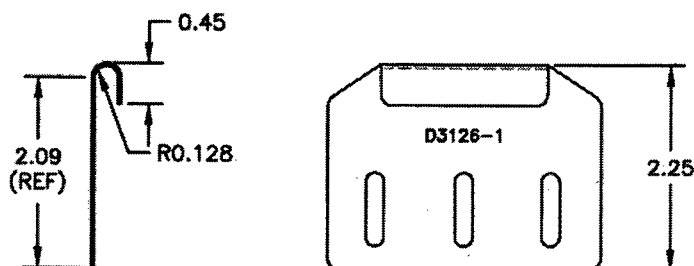
**DART**

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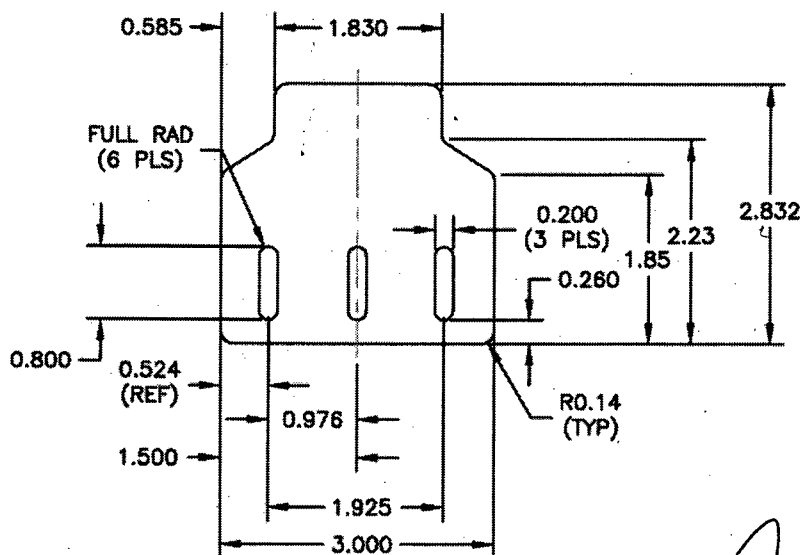
Rev. 9 04.11.24



DESIGN #	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3126	REV. A SHEET 1 OF 3
DATE 02.04.17		TITLE BRACKET	SCALE 1:2
A	02.04.17	NEW ISSUE	
AI	02.09.23	ADD "ANNEALED" SPEC	

RELEASED  
02.05.27

D3126-1 BRACKET  
REPLACES PREMIER P/N B30-23000-265



D3126-1 BRACKET FLAT PATTERN

4-11-13  
126546

**NOTES**

- 1) MATERIAL: AISI 304/316 SS SHEET 0.032 THICK PER MIL-S-5059 (REF. DART SPEC. M304S) ANNEALED
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) SCRIBE DART P/N D3126-1 AS SHOWN

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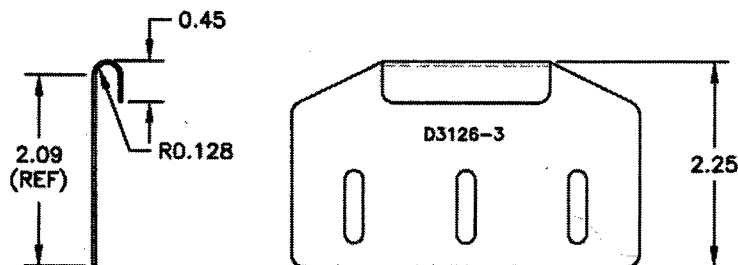
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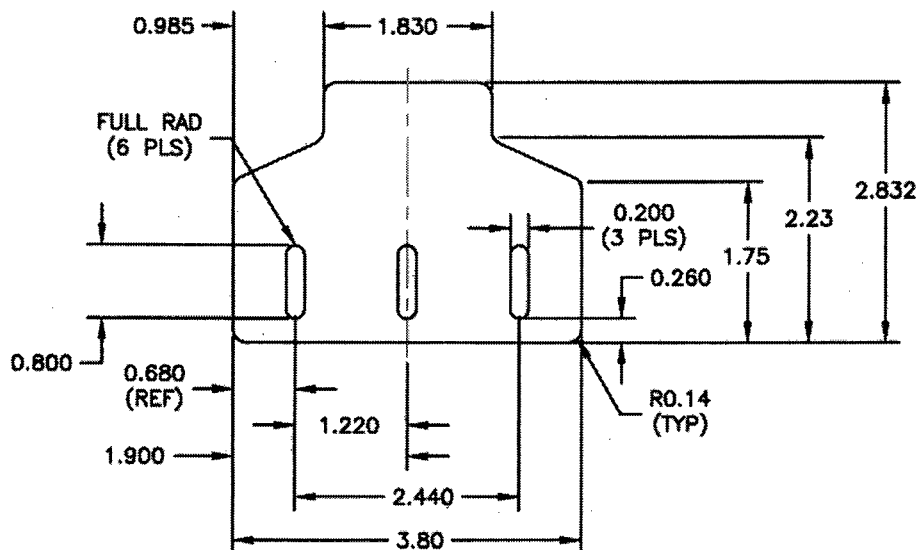


DESIGN #	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3126	REV. A SHEET 2 OF 3
DATE 02.04.17		TITLE BRACKET	SCALE 1:2

RELEASED  
02.05.27



D3126-3 BRACKET  
REPLACES PREMIER P/N B30-23000-267



#### NOTES

- 1) MATERIAL: AISI 304/316 SS SHEET 0.032 THICK PER MIL-S-5059 (REF. DART SPEC. M304S) ANNEALED
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) SCRIBE DART P/N D3126-3 AS SHOWN

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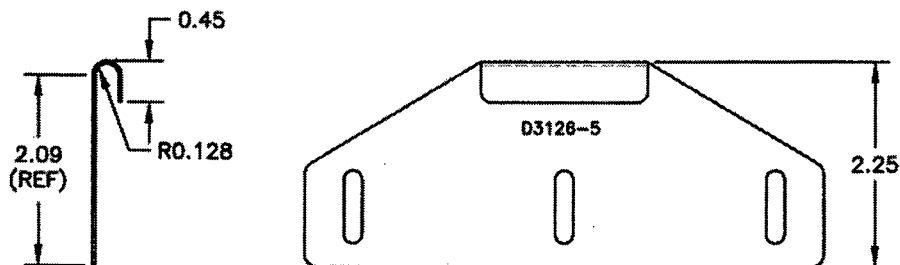
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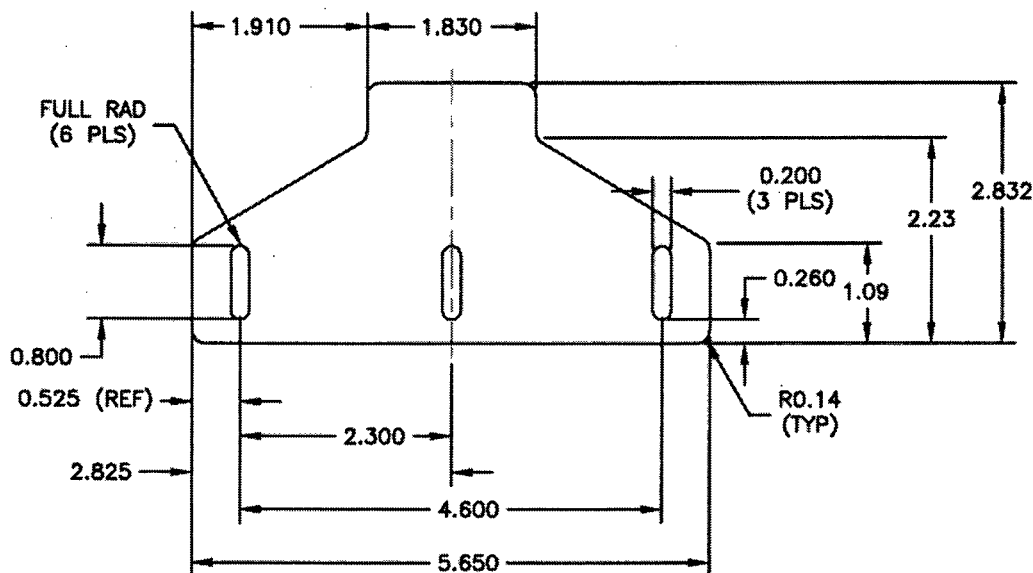


**DART**

DESIGN #	DRAWN BY RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3126	REV. A SHEET 3 OF 3
DATE 02.04.17		TITLE BRACKET	SCALE 1:2

**RELEASED**  
02.05.27

**D3126-5 BRACKET**  
REPLACES PREMIER P/N B30-23000-269



**D3126-5 BRACKET FLAT PATTERN**

**NOTES**

- 1) MATERIAL: AISI 304/316 SS SHEET 0.032 THICK PER MIL-S-5059 (REF. DART SPEC. M304S) **ANNEALED**
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
- 4) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 5) SCRIBE DART P/N D3126-5 AS SHOWN

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